

WHAT IS THIS?



Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Sorting Seashells
Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in.
Then, find the correct key at the bottom to solve the clue!

Clue #3: Color by Code
pink: 12, 24, 90, 32, 40 green: 40

Clue #4: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Right or Wrong?
Look at each answer. Decide if it's right or wrong. Color a thumbs up or down to show if you agree.

$\begin{array}{r} 5652 \\ - 478 \\ \hline 174 \end{array}$	$\begin{array}{r} 3433 \\ - 286 \\ \hline 147 \end{array}$	$\begin{array}{r} 870 \\ - 535 \\ \hline 335 \end{array}$	$\begin{array}{r} 727 \\ - 304 \\ \hline 423 \end{array}$
$\begin{array}{r} 179 \\ + 338 \\ \hline 517 \end{array}$	$\begin{array}{r} 804 \\ + 120 \\ \hline 924 \end{array}$	$\begin{array}{r} 425 \\ + 289 \\ \hline 714 \end{array}$	$\begin{array}{r} 563 \\ + 418 \\ \hline 981 \end{array}$

How many answers did each character get correct?
2 3

Cross out who got more answers correct.
Now you should know who accidentally took the sunglasses!

solve the mystery

The Case of the Missing Sunglasses

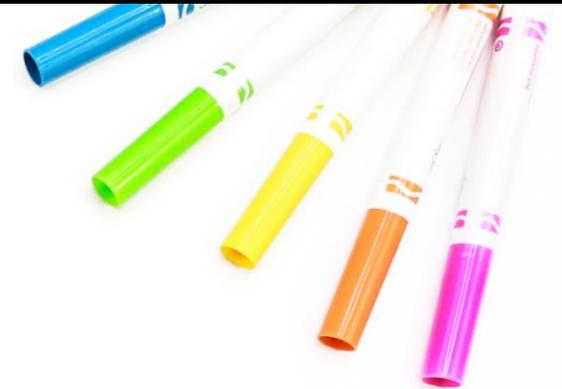
Who Took My Sunglasses?
Figure out who took the sunglasses by solving each clue.

 Nia	 Malik	 Yoko	 Natalia
 Diego	 Sahil	 Ainsley	 Harper

Name: _____

Students complete a series of clues to figure out who took the sunglasses!

HOW TO PLAY



What Happened?

Uh oh! On your vacation to the beach, your new sunglasses went missing. Now, it is up to you to complete a set of clues to figure out which kid on the beach accidentally took them. Good luck!



1. Take a list of kids on the beach and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering who took the sunglasses.
3. Cross out wrong kids each time you find out new information.

Good luck!

THE LIFETIME LEARNER

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.



Answers: 9 8 100 11 7 12 4 6 48 5

Letters: S A N D C A S T L E

The kid who took the sunglasses isn't near a...

Use this decoder to help you figure out what letter is equal to each picture.

A =	G =	M =	S =	Y =
B =	H =	N =	T =	Z =
C =	I =	O =	U =	
D =	J =	P =	V =	
E =	K =	Q =	W =	
F =	L =	R =	X =	

THE LIFETIME LEARNER

Who Took My Sunglasses?

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Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what suspect(s) to cross out. When all clues are completed, the mystery of the missing sunglasses will be solved!

SKILL PRACTICE

- Multiplication and Division Facts 1-12
- Missing Factors
- Area and Perimeter
- Add and Subtract to 1000
- Compare Fractions
- Summer-Themed
- Error Analysis Practice

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Answers: $27 \div ? = 3$ → 9, $8 \times ? = 64$ → 8, $? \div 10 = 10$ → 100

Letters: S A N

The kid who took the sunglasses isn't near a...

Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Sorting Seashells
Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in. Then, find the correct key at the bottom to solve the clue!

Cross out the kids standing up if there are:
• 3 pink seashells
• 2 green seashells
• 3 blue seashells

Cross out kids with surfboards if there are:
• 2 pink seashells
• 3 green seashells
• 4 blue seashells

Cross out kids not wearing sunglasses if there are:
• 3 pink seashells
• 3 green seashells
• 4 blue seashells

Cross out the kids sitting down if there are:
• 3 pink seashells
• 4 green seashells
• 3 blue seashells

Clue #3: Color by Code

green: $10 \times 1 = 10$, $2 \times 9 = 18$, $7 \times 6 = 42$

light blue: $4 \times 7 = 28$, $8 \times 2 = 16$, $7 \times 9 = 63$

dark blue: $12 \times 6 = 72$, $4 \times 9 = 36$, $10 \times 2 = 20$

Follow: Cross out Malik.
Pink: Cross out Nia.

All clues focus on reviewing 3rd grade math skills!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Picture Decoder
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Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in.
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Clue #3: Color by Code

pink:	12	24	90	32	40	green:
5x8= 40	63	16	63	100	10x1= 10	10x1= 10
2x6= 12	28	100	72	27	2x9= 18	2x9= 18
9x10= 90	56	72	20	18	7x6= 42	7x6= 42
orange:	81	36	20	18	light blue:	4x7= 28
8x7= 56	100	24	36	18	2x9= 18	2x9= 18
9x3= 27	100	24	36	18	light blue:	4x7= 28
9x9= 81	100	24	36	18	dark blue:	12x6= 72
yellow:	100	24	36	18	4x9= 36	4x9= 36
10x10= 100	100	24	36	18	10x2= 20	10x2= 20
8x4= 32	100	24	36	18		
2x12= 24	100	24	36	18		

Which color was used the most in the picture? →

- Light blue: Cross out Yoko.
- Dark blue: Cross out Natalia.
- Yellow: Cross out Malik.
- Pink: Cross out Nia.

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
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Which color was used the most in the picture? →

- Light blue: Cross out Yoko.
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Clue #4: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

$\begin{array}{r} 14 \\ 532 \\ - 478 \\ \hline 174 \end{array}$	$\begin{array}{r} 12 \\ 343 \\ - 286 \\ \hline 174 \end{array}$	$\begin{array}{r} 6 \\ 870 \\ - 535 \\ \hline 335 \end{array}$	$\begin{array}{r} 727 \\ - 304 \\ \hline 423 \end{array}$
-----------------------------------------------------------------	-----------------------------------------------------------------	----------------------------------------------------------------	-----------------------------------------------------------

How many answers did each character get correct?

Yoko: 2	Malik: 3
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Cross out who got **more** answers correct.
Now you should know who accidentally took the sunglasses!

Clue #5: Right or Wrong?
Look at each answer. Decide if it's right or wrong. Color a thumbs up or down to show if you agree.

174	924	715	981
-----	-----	-----	-----

Clue #3: Color by Code

pink:	12	24	90	32	40	green:
5x8= 40	63	16	63	100	10x1= 10	10x1= 10
2x6= 12	28	100	72	27	2x9= 18	2x9= 18
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10x10= 100	100	24	36	18	10x2= 20	10x2= 20
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Which color was used the most in the picture? →

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Which color was used the most in the picture? →

- Light blue: Cross out Yoko.
- Dark blue: Cross out Natalia.
- Yellow: Cross out Malik.
- Pink: Cross out Nia.

Short & Long Options

2 MATH FACT OPTIONS!



Who Took My Sunglasses?

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 Diego	 Sahil	 Ainsley	 Harper

Name: _____

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 17 10 11 19 9 18 15 8 20

Letters: **S A N D C A S T**

The kid who took the sunglasses isn't near a...

Clue #2: Sorting Seashells

Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in. Then, find the correct key at the bottom to solve the clue!

6 pink, 15 purple, 12 green, 4 blue

Answers: $14-8$, $19-7$, $14-10$, $20-5$, $6-2$, $9-5$, $10-4$, $13-7$, $12-8$, $15-3$

Clue #3: Color by Code

pink: $5+3=9$, $15=17$, $9=13$, $6=15$, $8=18$, $10=3$, 9

green: $0+2=2$, $3+4=7$, $8+6=14$, $4+7=11$, $3+=4$, $14+5=19$, $2+3=5$, $11+=12$, $7+9=16$

light blue: $4+7=11$, $3+=4$, $14+5=19$, $2+3=5$, $11+=12$, $7+9=16$

dark blue: $2+3=5$, $11+=12$, $7+9=16$

Clue #4: Beach Cross-Off

Put the correct answer in each box. Then, read what to do at the bottom.

$24 \div 6$ X 4	$40 \div 4$ X 10	$48 \div 8$ X 6	$108 \div 12$ X 9	$16 \div 8$ X 2	$84 \div 7$ X 12
$48 \div 8$ X 12	$54 \div 6$ X 9	$121 \div 11$ X 11	$45 \div 9$ 5	$70 \div 10$ X 7	$36 \div 12$ X 3

Cross out the following answers: **2, 3, 4, 6, 7, 9, 10, 11, 12**

What letter is left? Write it on the line. Y

The culprit's name doesn't start with the letter Y

Clue #5: Right or Wrong?

Look at each answer. Decide if it's right or wrong. Color a thumbs up or down to show if you agree.

$3 \times 4 = 12$ (thumbs up)

$81 \div 9 = 9$ (thumbs up)

$5 \times 12 = 60$ (thumbs up)

$40 \div 8 = 5$ (thumbs up)

$144 \div 12 = 12$ (thumbs up)

$7 \times 6 = 42$ (thumbs up)

$64 \div 8 = 8$ (thumbs up)

$3 \times 9 = 27$ (thumbs up)

How many answers did each character get correct?

2 (thumbs up)

3 (thumbs up)

Cross out who got more answers correct. Now you should know who accidentally took the sunglasses!

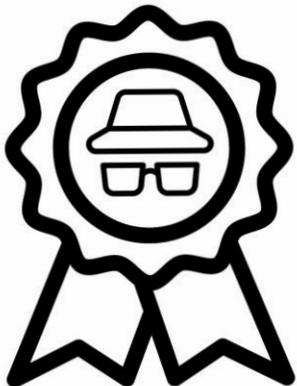
Same clues. Same mystery. Different math!

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

You solved the mystery!

11/2

Date

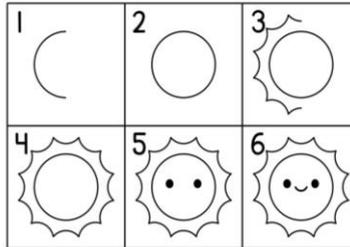
AW

Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

a sun



THE LIFETIME LEARNER

LET'S DRAW...

an ice cream



THE LIFETIME LEARNER

If students finish early,
give them a
certificate of completion
and a directed drawing
to complete while others
continue working.

MATH MYSTERY BENEFITS



- No Prep
- Print and Digital Versions
- 3 & 5 Clue Options
- Extra Math Facts Mystery
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

8 m E $5+9=13$ W $13+13=26$ Find the perimeter: M	$12 \times 5 = 60$ S Find the area: S	$4+10=14$ H $14+14=28$ L Find the perimeter: L	8 m E $8 \times 6 = 48$ N Find the area: N	$2+5=7$ O $7+7=14$ Find the perimeter: O	3 m A $3 \times 2 = 6$ Find the area: A
7 m F $7+3=10$ H $10+10=20$ Find the perimeter: F	9 m H $9 \times 2 = 18$ Find the area: H	$5+7=6$ E $6+6=12$ Find the perimeter: E	6 m H $4 \times 6 = 24$ Y Find the area: Y	10 m W $10+5=15$ S $15+15=30$ Find the perimeter: W	9 m D $3 \times 9 = 27$ Find the area: D

Cross out the following answers:
6, 12, 14, 18, 20, 26, 27, 28, 30, 48, 60

What letter is left? Write it on the line.

The culprit's name doesn't start with the letter Y.

THE LIFETIME LEARNER

In 3rd grade, this works well in small groups or in partners.

WHY TEACHERS LOVE THESE!

Ordinary math worksheets can be boring and unoriginal.

You want activities that are fun and engaging, but also rigorous and meaningful to student learning.

MATH MYSTERIES ARE EXACTLY WHAT YOU'VE BEEN LOOKING FOR!

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Clue #3: Color by Code

pink:	5	10	9	0	5	green:
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How many answers did each character get correct?

2	3
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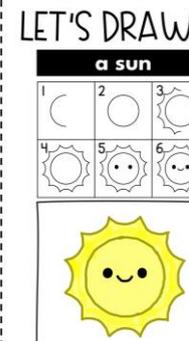
The Detective Agency sends congratulations to:

Lindsay

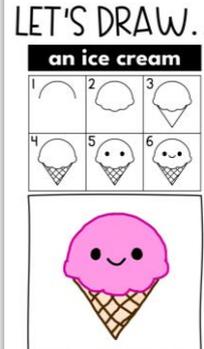
You solved the mystery!

11/2 Date **AW** Presented by:

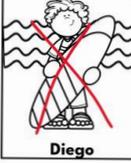
LET'S DRAW...
a sun



LET'S DRAW...
an ice cream



Who Took My Sunglasses?
Figure out who took the sunglasses by solving each clue.

 Nia	 Malik	 Yoko	 Natalia
 Diego	 Sahil	 Ainsley	 Harper

Name:

solve the mystery



The Case of the Missing Sunglasses

WHAT MAKES MATH MYSTERIES UNIQUE?

Math Mysteries aren't just a copy of Reading Mysteries!

They have brand-new clues, focus on math skills, and even feature a different conclusion to the mystery.

The only thing that stays the same is the list of suspects students start with!

So, if you have both, students can play during math and then again during reading for double the fun.

Reading

Math

Example of Clue 1

Clue #1: Descrambler

Figure out which possessive noun from the bottom goes in each sentence. Write the letter next to each umbrella on each line. When the letters are unscrambled, they will make up the clue.

The thief is not on a

B E A C H C H A I R

dog's truck's friend's sandcastle's family's sun's watermelon's lifeguard's boat's campfire's

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

The kid who took the sunglasses isn't near a...

Use this decoder to help you figure out what letter is equal to each picture.

A = [ice cream] G = [ice cream] M = [ice cream] S = [ice cream] Y = [ice cream]
B = [ice cream] H = [ice cream] N = [ice cream] T = [ice cream] Z = [ice cream]
C = [ice cream] I = [ice cream] O = [ice cream] U = [ice cream]
D = [ice cream] J = [ice cream] P = [ice cream] V = [ice cream]
E = [ice cream] K = [ice cream] Q = [ice cream] W = [ice cream]
F = [ice cream] L = [ice cream] R = [ice cream] X = [ice cream]

KEEP THE FUN GOING!

GRAB A **READING MYSTERY**:

Reading mysteries aren't just a copy of math. They come with fresh clues, unique reading challenges, and a new culprit, so students are solving an entirely different case!

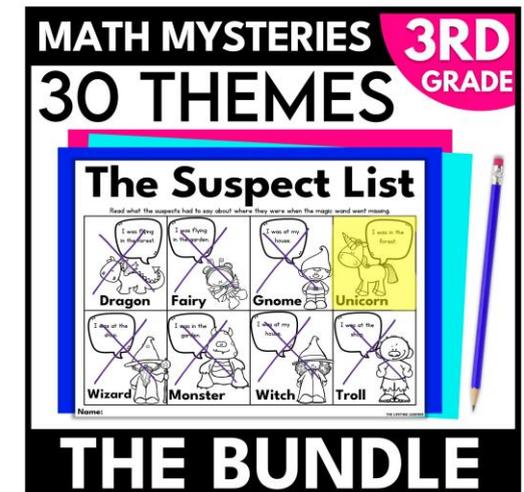


MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



**BUY A BUNDLE
TO SAVE BIG!**



THE BUNDLE